

File 634:San Jose Mercury Jun 1985-2000/Dec 17  
(c) 2000 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2000/Dec 19  
(c) 2000 Bell & Howell  
File 647:CMP Computer Fulltext 1988-2000/Nov W3  
(c) 2000 CMP  
File 674:Computer News Fulltext 1989-2000/Nov W4  
(c) 2000 IDG Communications  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

Set	Items	Description
S1	2	DATA()DISTRIBUT?(3N)REQUEST?
S2	1450861	INSTRUCTION? OR PROCESS? OR FUNCTION? OR STEP? ? OR ATTRIB- UT? OR EFFECT?
S3	2014724	CONTROL? OR MANAG? OR DIRECT OR REGULAT? OR RESPOND?
S4	8718	S2(3N)(EXTRACT? OR TAK?(3N)OUT OR REMOV? OR CHOOS?)
S5	344277	DISPLAY? OR INTERFACE? OR GUI OR GRAPHIC()USER()INTERFACE? OR VISUAL?
S6	4428	S5(3N)(CHANG? OR ALTER? OR ADJUST? OR MODIF?)
S7	14671	S2(3N)(SHOW? OR PRESENT?)
S8	1410893	EXECUT? OR PERFORM?
S9	11163	S2(3N)(INHIBIT? OR PREVENT? OR RESTRICT? OR BLOCK? OR HALT- ?)
S10	1150818	ACCORD? OR ADHER? OR MET OR MEETING
S11	7409	S5(3N)(STYLE? OR VIEW? OR FORMAT?)
S12	13764	DATA(3N)DISTRIBUT? AND S3
S13	28	(S1 OR S12)(S)S4
S14	8	S13(S)S5
S15	0	S14(S)S9
S16	8	S14 NOT S15
S17	8	RD S16 (unique items)
S18	5	S17 NOT (PY=>1998 OR PD=>980528)
S19	7	S6(S)S9
S20	2	S19(S)(EXTRACT? OR TAK?(3N)OUT OR REMOV? OR CHOOS?)
S21	2	S20 NOT (S15 OR S18)
S22	2	RD S21 (unique items)
S23	42	S11(S)S12
S24	5	S23(S)S8
S25	5	S24 NOT (S15 OR S18 OR S22)
S26	5	RD S25 (unique items)

18/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01147208 CMP ACCESSION NUMBER: IWK19971201S0039

**Bell Atlantic - New Tools Mean Faster Response**

Bruce Caldwell

INFORMATIONWEEK, 1997, n 659, PG38

PUBLICATION DATE: 971201

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Trends

WORD COUNT: 995

... when response times fall well within the upper limits of acceptable response times, Sentinel graphically **displays** response times at all locations and by application. If response times for one location are relatively long, the vertical bar for that location will stand out. An IS **manager** or communications engineer can then check to see if that location is having trouble with...

...the problem," says Charlie Forande, director of the corporate information network at Bell Atlantic. "Sentinel **takes** all the guesswork out of the **process** so we can get to the problem right away. "

Sentinel was developed in C++, runs...

18/3,K/2 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01075795 CMP ACCESSION NUMBER: CRN19951204S0121

**RESULTS FROM THE COMDEX SHOW FLOOR**

Edited by Joel Shore

COMPUTER RESELLER NEWS, 1995, n 661, PG184

PUBLICATION DATE: 951204

JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: CRN Test Center

WORD COUNT: 7294

... tested separately)

The design feature in PC Phone enables resellers to easily customize the phone **interface** . This allows users to drag-and-drop to add or **remove** any **functions** and tailor a phone that suits the user's individual needs. The Address Book and...

...are tightly integrated with the PC Phone and provide a complete call center and contact **management** right on the desktop. The optional headset is lightweight and very convenient and provides for...

18/3,K/3 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01070601 CMP ACCESSION NUMBER: IWK19951113S0033

**Two-Tier Versus Three-Tier Apps - Before you choose your development technology, check your basic requirements** (Spotlight)

Alan Dickman

INFORMATIONWEEK, 1995, n 553, PG74

PUBLICATION DATE: 951113

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Open Labs

WORD COUNT: 2087

... tier environments is often an afterthought.

#### Adding A Tier

In three-tier systems, the business **processing** is **removed** from the client and placed on a separate application server. Thus, the user **interface**, business processing, and database **management** are partitioned into separate processes. Each tier may have its own hardware and software architecture...

...each is expected to fulfill a particular application role. Like two-tier systems, the user **interface** runs on low-end, single-user desktops. The database servers may reside on medium- or...

...to the whims of the end user, business processing servers usually reside in the more **controlled** environs of a data center. (For guidelines on distributing functionality among the three tiers, see...

18/3,K/4 (Item 4 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

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01057013 CMP ACCESSION NUMBER: EBN19950619S0002

**Wielding IT to deliver value-added services -distributors are using information technology to help customers with purchases**

Barbara Jorgensen

ELECTRONIC BUYER'S NEWS, 1995, n 960, PGE16

PUBLICATION DATE: 950619

JOURNAL CODE: EBN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Electronic Distribution

WORD COUNT: 2295

... Marshall's Rodin. "We put together a qualification process that is required of all account **managers** that **interface** with customers and all those that **interface** with suppliers. This is not a mailing list. It's a fully integrated tool providing the customer with a more proficient and prepared **interface**, and our suppliers with better forecasting ability and a feedback tool in assessing their products...

18/3,K/5 (Item 5 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

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00537210 CMP ACCESSION NUMBER: CWK19931011S1140

**DON'T BE HASTY IN MAKING A LAN DECISION** (Editorial)

COMMUNICATIONSWEEK, 1993, n 475, 32

PUBLICATION DATE: 931011

JOURNAL CODE: CWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Opinion

WORD COUNT: 352

... latest in a string of technology developments that have made LAN planning a more complicated **process** than simply **choosing** between Ethernet and token-ring. LAN technologies to choose from now include Fiber **Distributed Data Interface**, Copper **Distributed Data Interface**, fast Ethernet CSMA/CD, HP's 100VG-AnyLAN, isochronous Ethernet, full-duplex Ethernet and fiber...  
?t22/3,k/all

22/3,K/1 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

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01222699 CMP ACCESSION NUMBER: EBN20000918S0057

**PLD Vendors Enter Embedded Control Turf - Processor-based designs are**

enabling PLD suppliers to explore new worlds.

John H. Mayer  
ELECTRONIC BUYERS NEWS, 2000, n 1229, PG55  
PUBLICATION DATE: 000918  
JOURNAL CODE: EBN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Technology Focus: PLDs  
WORD COUNT: 2705

... manager at ARC.

That differs distinctly from the approach Altera has taken with Nios. Using **Altera** 's MegaWizard **interface** , designers can configure memory and peripherals on the processor by **choosing** from a variety of memory widths and speeds or peripheral types. In addition, designers can ...

...on-chip, map readable/ writable devices into the processor's register file, or add new **function blocks** directly into the **processor** 's ALU. But the instruction set, while optimized for compiled embedded applications, is fixed.

"We...

22/3,K/2 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
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01147290 CMP ACCESSION NUMBER: VAR19971201S0039  
**From RAD To Riches - Pave the road to faster, more efficient development**  
Adam Greenfield  
VARBUSINESS, 1997, n 1321, PG69  
PUBLICATION DATE: 971201  
JOURNAL CODE: VAR LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Technology - App Development  
WORD COUNT: 1296

But what if there were a simpler, more accessible **GUI** -based **alternative** ? What if a programmer merely had to **choose** from a menu of "objects"-consistent building **blocks** of **functionality** -and plug them in? With the advent of object oriented "fourth-generation language" rapid application...  
?t26/3,k/all

26/3,K/1 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0814554 97-74826  
**Zitel Corporation announces intent to acquire Datametrics Systems Corporation, Palmer & Webb Systems, Limited and Palmer & Webb Systems BV**  
Harris, Henry C  
PR Newswire (New York, NY, US) p1  
PUBL DATE: 970604  
WORD COUNT: 797  
DATELINE: Fremont, CA, US, Pacific

TEXT:

...products under the name Datametrics Systems Corporation. The combined product lines cover the spectrum of **performance** and capacity **management** , real-time and historical data analysis, and sophisticated modeling and simulation. The products support mainframe...

...currently use products of all three companies. Palmer & Webb has for some time been developing **interfaces** for Datametrics' **Viewpoint** data collector product. Zitel's Capacity Planner and NetArchitect products use Viewpoint as a data...

26/3,K/2 (Item 1 from file: 647)  
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01023790 CMP ACCESSION NUMBER: NWC19940404S3548

**Meeting Challenges With Desktop Databases**

Jeff Winchell

NETWORK COMPUTING, 1994, n 504

PUBLICATION DATE: 940404

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Client/Server Databases

**TEXT:**

... all multiuser desktop databases can handle applications running 10 to 20 concurrent users. With advanced **performers**, such as Microsoft's FoxPro or Borland's dBASE IV, having 30 to 60 users...

...unreasonable. At the top end is a small number of large companies with good network **management** and database **performance** -tuning skills that have production FoxPro applications running with 100 to 200 concurrent users. For...

...file server model to divide and conquer. The only centralized process is the file server **responding** to simple DOS I/O functions and locking functions, so the CPU requirement on the...

...significant edge in the mass storage department, disk subsystems for LANs are now comparable in **performance** to mainframe disk subsystems, with very large capacities (20 GB and more) available. For reliability...

...Beach, Fla., for example, Tom Walden didn't have to worry about sophisticated distributed database **management** techniques. Weekly data synchronization with the mainframe and minicomputer databases was sufficient, so he was...

...to provide major benefits. Nick Wulderk, assistant vice president at Marsh and McLennan in Pittsburgh, **manages** a two-user dBASE IV application that tracks securities transfers. This application has already put...

...start before PC networking became commonplace. This is reflected in most products' relatively simple concurrency **control** and transaction processing mechanisms. If your application requires more attention to data safety, look around carefully. Some vendors are adding more sophisticated lock **managers** and transaction processing engines to their desktop database products. Security in desktop databases seems to...

...s Quality Engineering group, Redmond, Wash., Bob Sheldon has used FoxPro to meet very high-**performance** requirements. But FoxPro's lack of security features means Allied prefers R:Base as a...more apparent. Many desktop databases lack support for centralizing even simple business rules, such as **display formats** for each field. Many desktop database products are also weak in their enforcement of basic...

...to protect your data and ease your programming burden. As an application grows in popularity, **performance** bottlenecks may appear, often in the wire between the file server and the desktops. When...

...many organizations are finding practical solutions in multiple segments, switched Ethernet, fast Ethernet or Fiber **Distributed Data** Interface (FDDI) at costs that are rapidly decreasing. In large

organizations with many sites, the biggest bottleneck is the WAN. Databases **performing** comfortably with 50 users on an Ethernet LAN may crawl with one user on a...

...expecting the desktop database's automatic locking features to suffice. If the product's concurrency **control** or transaction support isn't adequate for your growing application, you'll have to hand...

26/3,K/3 (Item 2 from file: 647)  
DIALOG(R) File 647: CMP Computer Fulltext  
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00552131 CMP ACCESSION NUMBER: NWC19930101S10515  
**Network Modems: A Comparative Review** (Reviewed, Revealed, Revised)  
Gary A. Bolles and Bruce Boardman  
NETWORK COMPUTING, 1993, n 401, 36  
PUBLICATION DATE: 930101  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Logging On  
WORD COUNT: 7965

... to see just how much traffic an individual workstation generates. An additional utility in the **management** program is the trap **viewer**, which **displays** all current activity reported to the LANlord server. There are three priority levels of traps...

...Some trap message types include virus detection, software metering violation, hardware configuration change and program **execution**. The trap viewer window provides two areas for viewing the traps: the upper one shows...

26/3,K/4 (Item 1 from file: 674)  
DIALOG(R) File 674: Computer News Fulltext  
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080252  
**ASPs: Right concept, but there's a better way**  
Byline: E-commerce strategy . John Igoe  
Journal: Network World Page Number: 37  
Publication Date: December 20, 1999  
Word Count: 511 Line Count: 47

Text:

... media darling. But while the ASP concept is a good one, the prevailing mode of **execution** and delivery is flawed. Users don't need someone to come in and assume **control** of their environments. In most cases, they don't need more boxes, faster switches or...

... comes in. The NISP is a spinoff of the ASP prototype. Under the NISP approach, **control** remains with the user and critical applications are hosted right on the customer site. Users...

...For example, a user could turn to an ASP to get a suite of network **management** tools in the form of five applications that are launched separately and **viewed** by different **interfaces**. The result will be five disparate streams of data. While the user has gained access...

... analyze and correlate all the data on his own. A NISP providing the same network **management** suite will integrate those five applications into a single solution and provide the user with...

... removing the pain associated with designing, testing and evaluating applications and tools as well as **performing** continuous upgrades, maintenance and troubleshooting. This frees up IT resources and allows users to spend...

...core business issues. The NISP will also offer value-add services through its back-end **data** center, including software **distribution**, collection of long-term trending data for each user and a comprehensive knowledge base. The...

... staffs and infrastructures. Under the NISP model, users still run their own nets. They retain **control**, and their jobs are not at risk. They save money. They become more strategic. And...

26/3,K/5 (Item 2 from file: 674)  
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058357

Now showing on the company channel

Computerworld Intranets

Keeping staff and business partners up to date is the next use of 'push' technology. Though not quite ready for prime time, it may just change the way you manage information

Byline: Toney Baer

Journal: Computerworld Page Number: 1

Publication Date: March 24, 1997

Word Count: 3017 Line Count: 285

Text:

...It comes in various forms with various names - e.g., "push" technology, by which organizations **distribute data** to users' desktops; and channels, where a user maintains a stateless connection to a Web...

...The intranet offerings also establish a new and timely way to distribute internal information, from **executive** pronouncements to benefits changes and the latest sales numbers. Of course, it's early yet...

... add-ons for intranet webcasting might average under \$100 per user, hidden costs to network **performance** could force organizations into an unending spiral of costly network upgrades. At the Alameda Newspaper...

... another medium that, like a corporate Web site or intranet home page, needs to be **managed**, monitored and refreshed so employees pay attention to it. Without a publishing strategy, webcasting could...

... screen. Yet a host of companies are undaunted and are placing their webcasting bets. American **Management** Systems, Inc., a global information technology consulting firm, believes webcasting can improve the firm's...

...both cache PointCast channels locally and produce their own channels for intranet distribution. At American **Management** Systems, I-Server will supplement a Lotus Development Corp. Notes discussion database of best practices...

... and outside the organization, via an external connection to the intranet. Webcasting, says Stacia Johnson, **manager** of the developer program, is all about efficiency. "It's a lot more efficient because... multiply that by thousands of users, and what does that do to network traffic and **performance** levels? Ask companies whose employees embraced the original PointCast. "As more and more people got...

... desktops, (network traffic levels) began looking like a cancerous tumor," says Kevin Hamilton, online information **manager** for the Alameda Newspaper Group. The Bay Area newspaper chain switched from PointCast to PointCast....

...users across a global enterprise - something few, if any, companies have actually done, raises other **management** concerns. Vendors recommend the installation of multiple servers; remote "proxies" that **manage** transmission to and from the server, gateway or client; subject-based

addressing repositories; or intelligent...

... its Web servers, E-mail and network operating systems. "We leverage security, credentials and access **control** (already present) for each of our supported delivery methods," says Richard Schwartz, president of Diffusion...

... is the information this technology was created to efficiently disseminate. "The most complex portion is **managing** content," Houston Industries' Bertrand says. And content is valuable only to the extent that it... to know about or which bits of information your staff or business partners need to **perform** their jobs. "I don't think we understand where the starting value of this technology...

... adding TIB support. Where displays are concerned, many of the major companies use their own **display formats** rather than common Web browsers. There are also no standards for prioritizing messages or specifying...

... company is starting to use webcasting's underlying technology to keep its engineering and project **management** documents updated. Using Tibco's Enterprise Tool Kit as messaging middleware, Bechtel enterprise applications use...

... the intranet. "The idea is to tightly integrate all our work processes," says John Jahraus, **manager** of corporate software development. He declined to discuss costs for the strategic project. Bechtel chose transmission. The user **responds** to the alert to download the full file. While alerts sound like a good bandwidth...